

50671-P004US-09902604

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FIG. 1

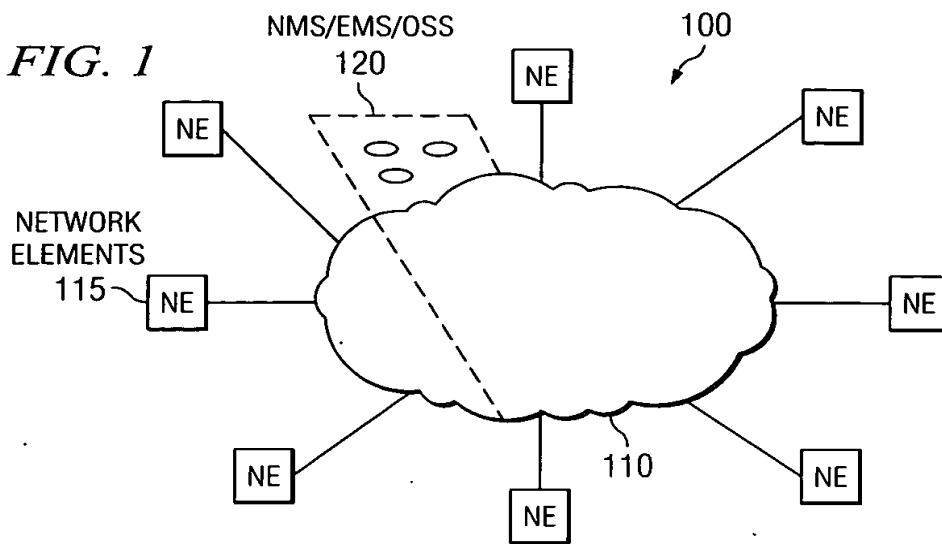


FIG. 2

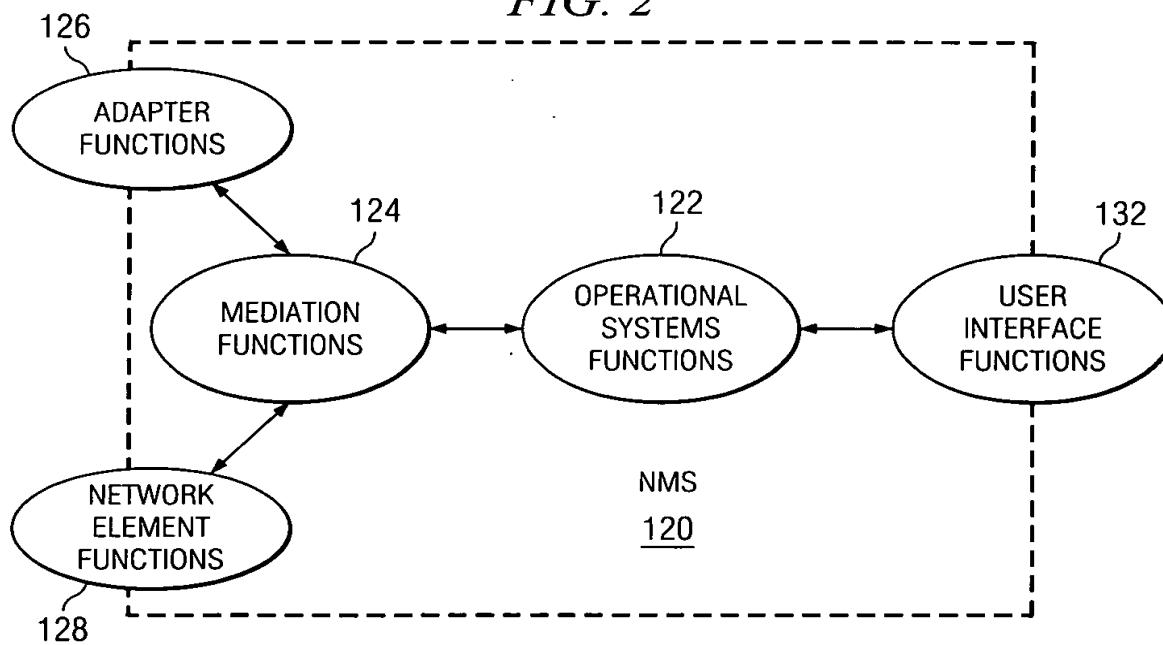


FIG. 3A

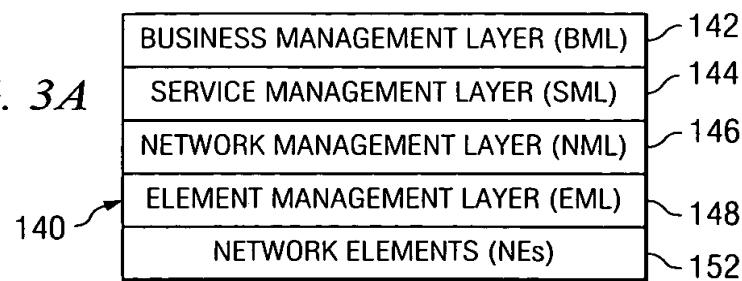




FIG. 3B

FIG. 3B

LAYERS/ASPECTS	FAULT (F)	CONFIGURATION (C)	ACCOUNTING (A)	PERFORMANCE (P)	SECURITY (S)
BUSINESS <u>162</u>	RAS QUALITY ASSURANCE			PERFORMANCE QUALITY ASSURANCE	
SERVICE <u>164</u>	ALARM SURVEILLANCE	INSTALLATION		PERFORMANCE MONITORING	DETECTION
NETWORK <u>166</u>	FAULT LOCALIZATION	PROVISIONING	USAGE MANAGEMENT	PERFORMANCE MANAGEMENT	CONTAINMENT AND RECOVERY
NETWORK ELEMENT	FAULT CORRECTION	STATUS AND CONTROL		CONTROL	SECURITY ADMINISTRATION
	TESTING			PERFORMANCE ANALYSIS	

FIG. 5

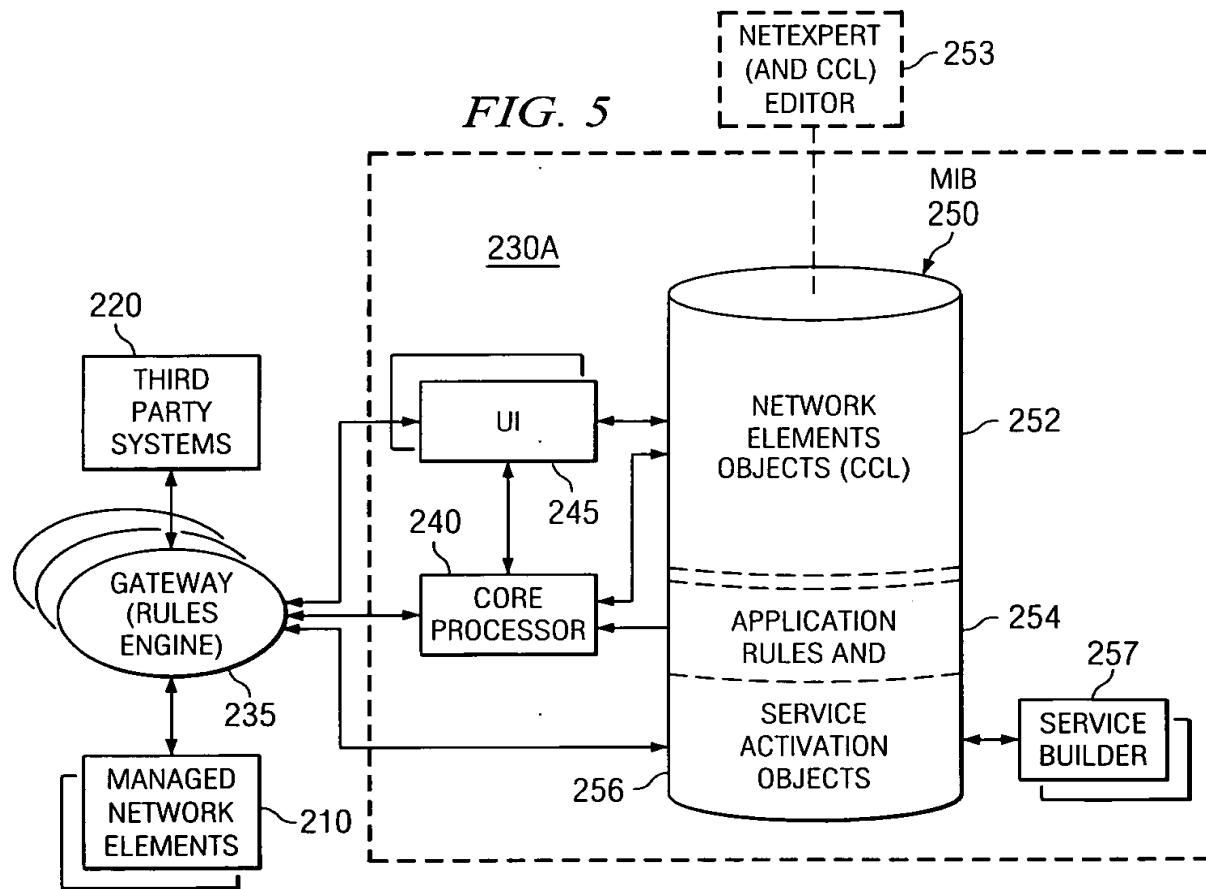
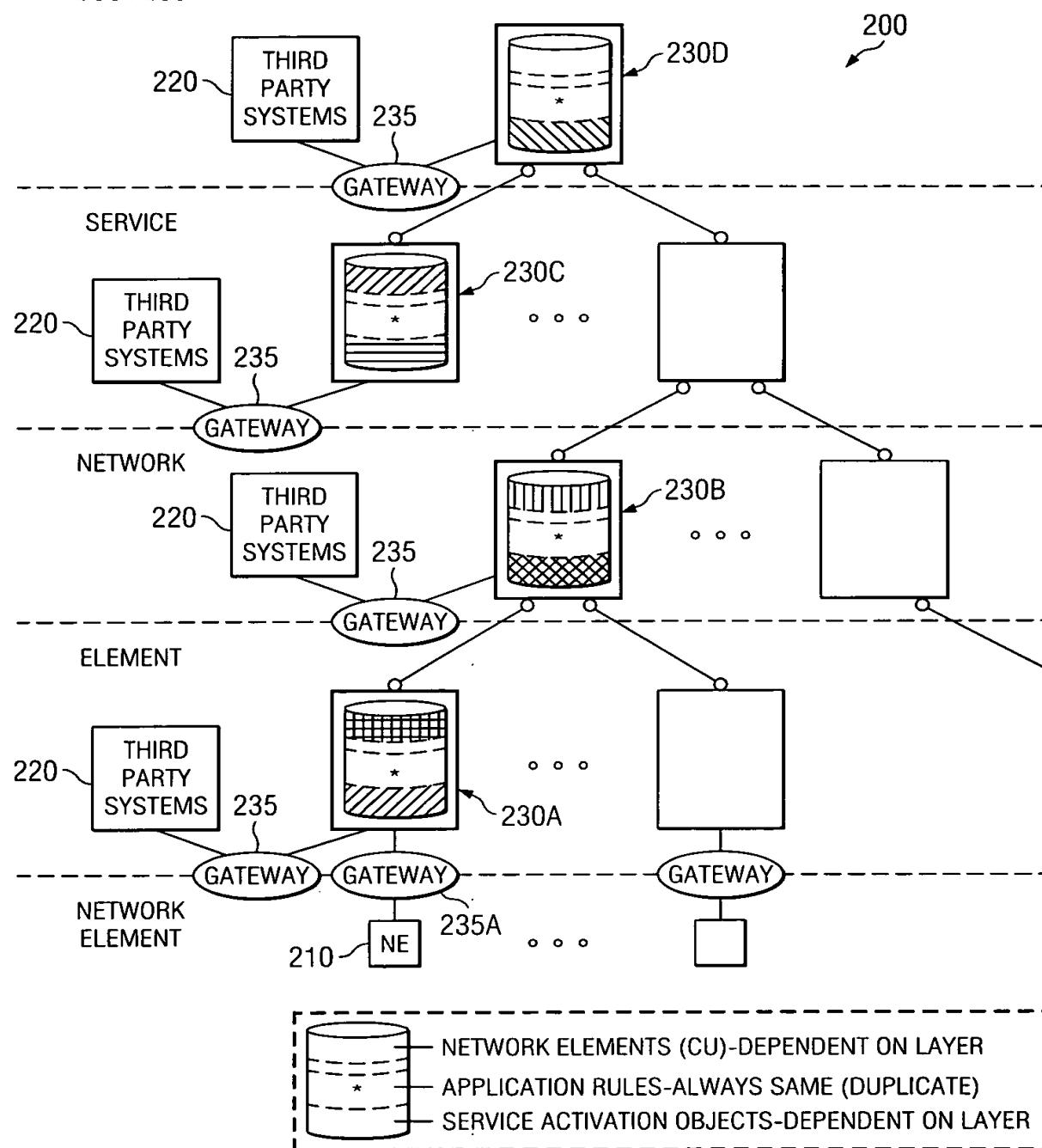




FIG. 4

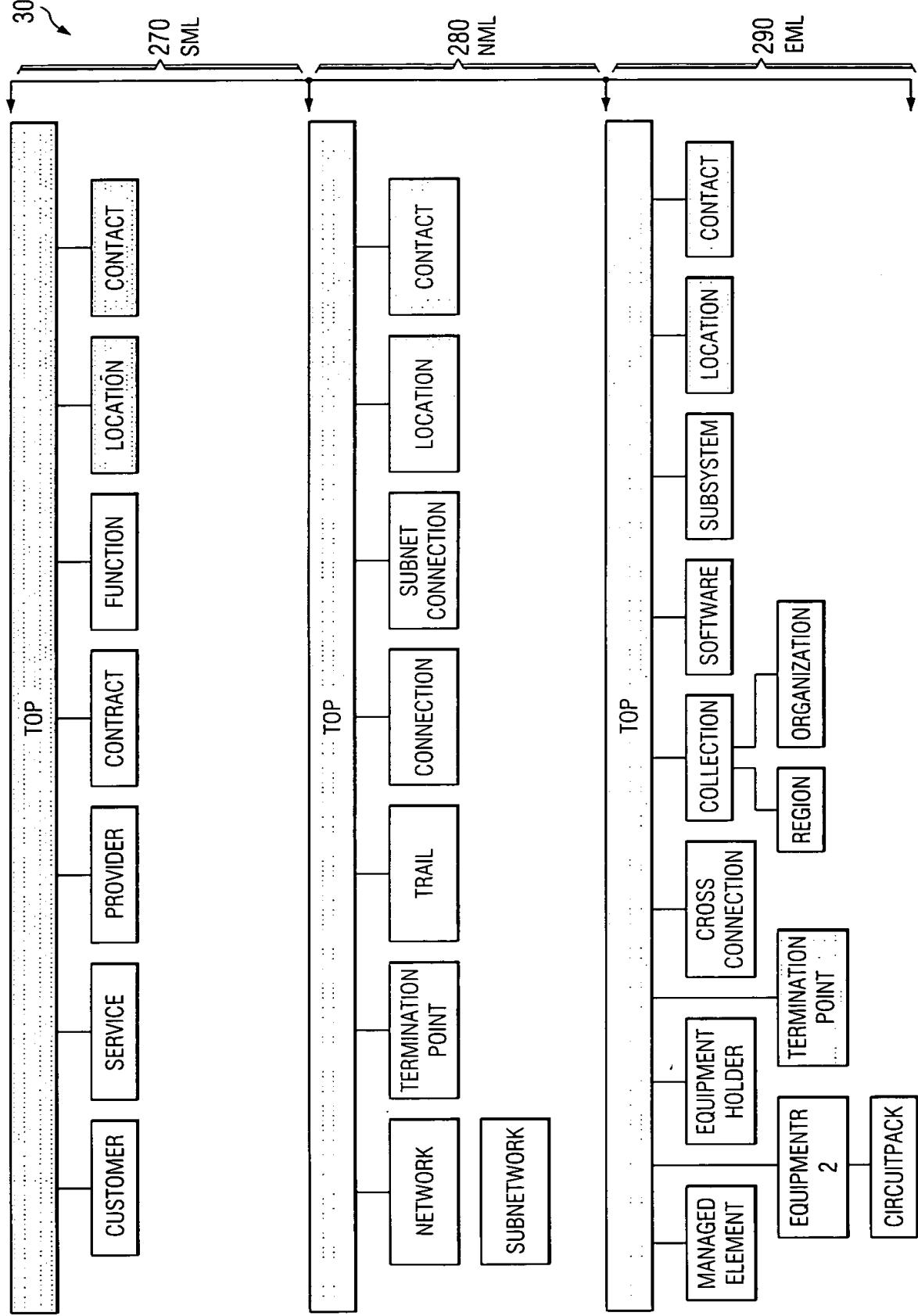




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FIG. 6





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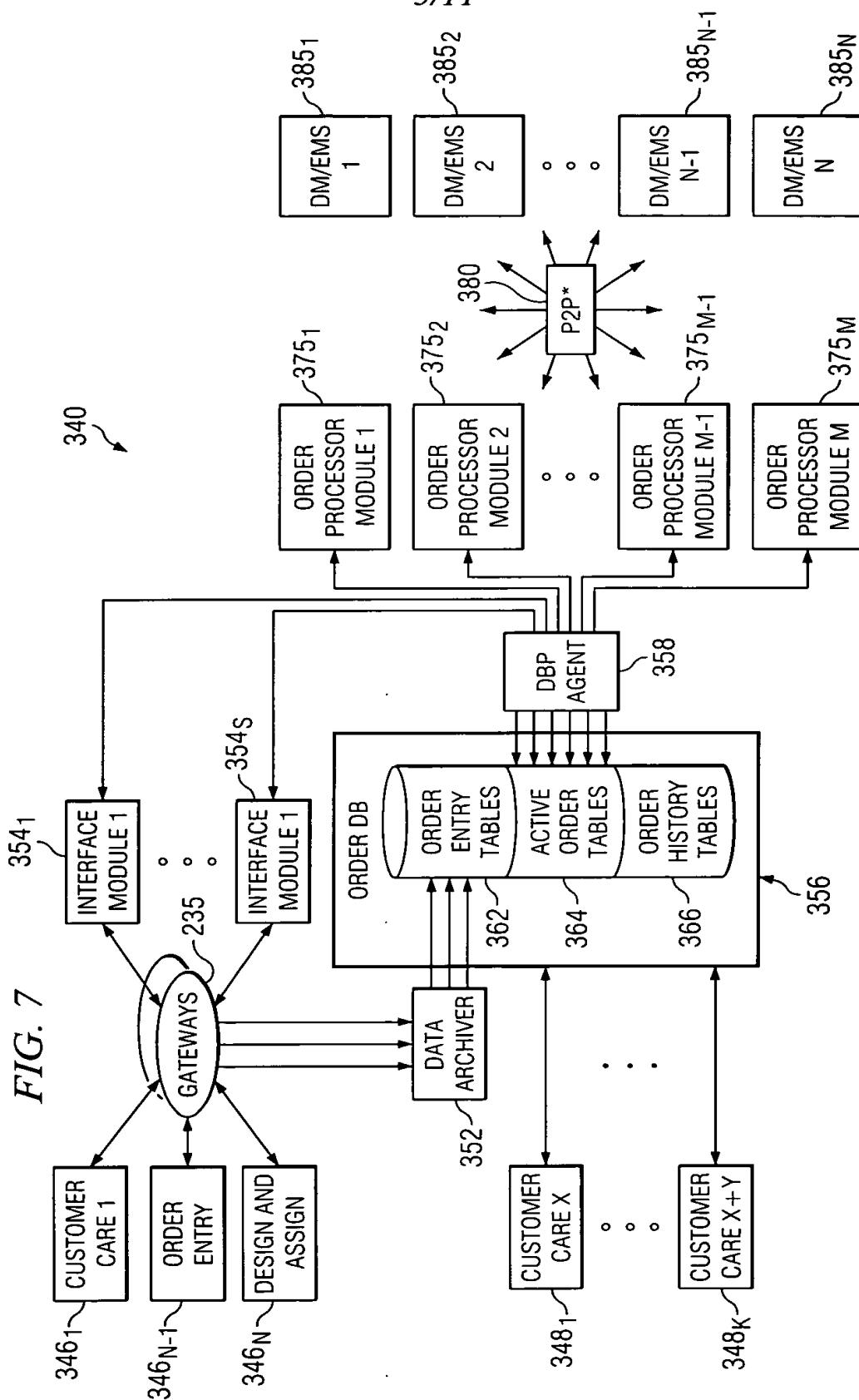
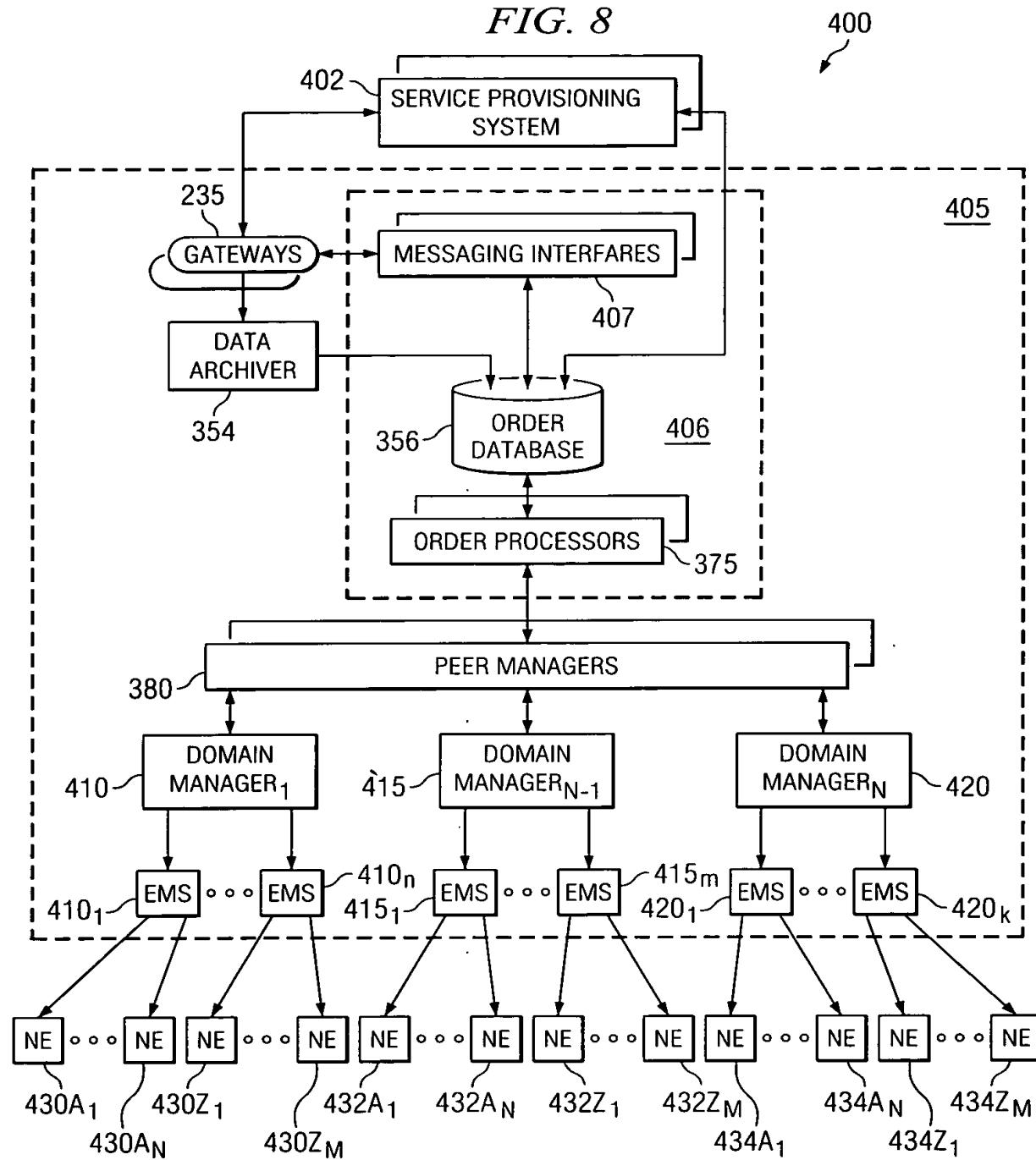
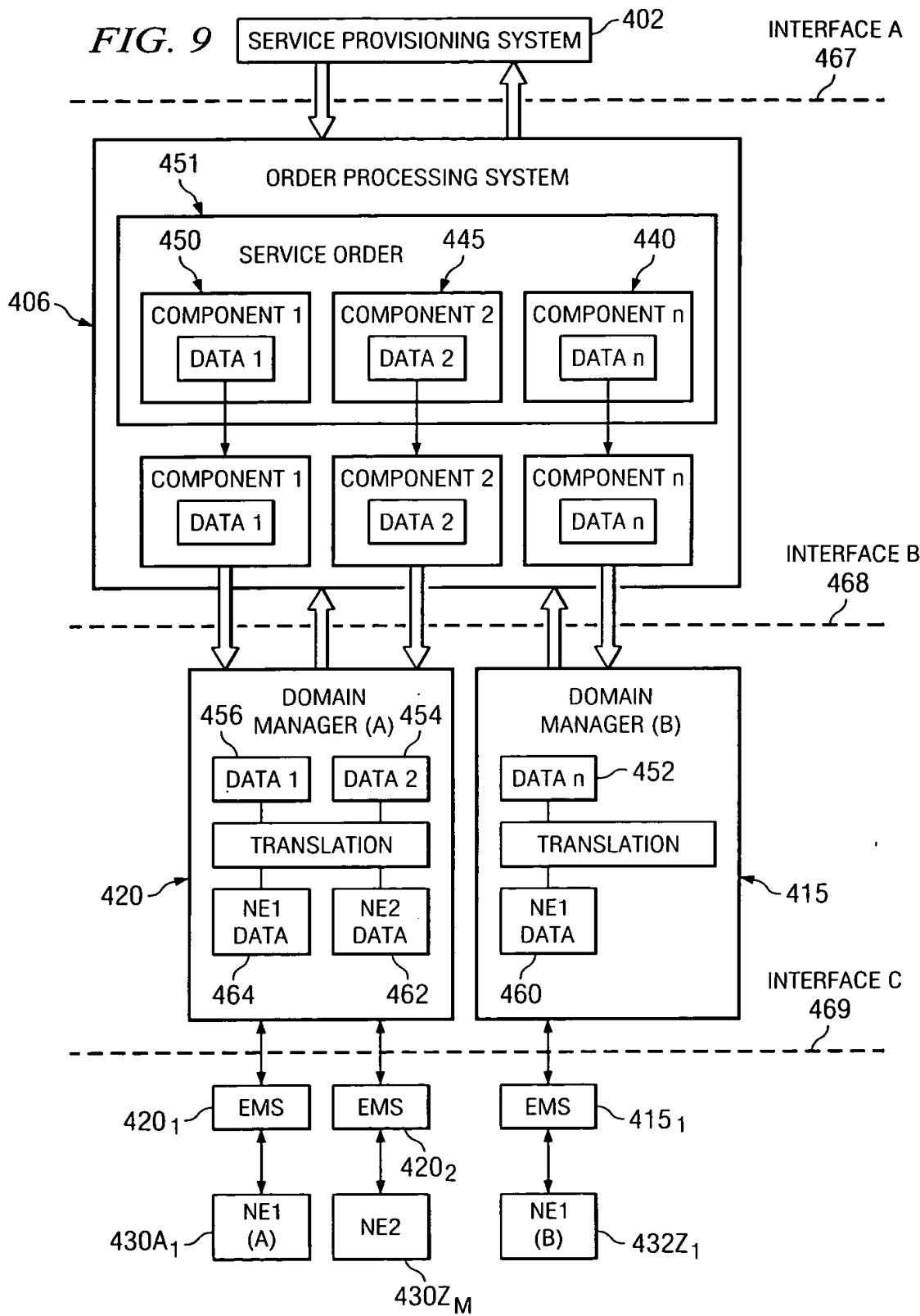
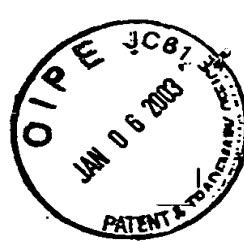


FIG. 8







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FIG. 10

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475 ~ Order_Begin
478 ~ ORDER=<order number>
479 ~ TYPE=<order type>
481 ~ TIMESTAMP=<timestamp>
483 ~ ACTION=<action>
485 ~ RELATED ORDER=<order number>
487 ~ DATE=<schedule-date>
489 ~ CRITICAL DATE=<critical date>
491 ~ STATUS=<status>
493 ~ OPERATOR=<operator>
495 ~ ROLLBACK=<MANUAL | AUTOMATIC>
497 ~ PRIORITY=<NORMAL/HIGH/LOW>
476 ~ End_Order_Header

450 ~ [COMPONENT 1]
445 ~ [COMPONENT 2]
        .
        .
        .
440 ~ [COMPONENT n]
477 ~ Order_end <order number>

```

450

FIG. 11

```

510 ~ Component_Begin
512 ~ ID=<component id>
514 ~ SERVICE=<service name>
516 ~ ACTION=<action>
518 ~ NETWORKID=<network identifier(clli)>
520 ~ CRITICAL_DATE=<critical date>
522 ~ PREDECESSOR=<component id>
524 ~ PREDECESSOR=<component id>
526 ~ ROLLBACK=<component id>
528 ~ ROLLBACK=<component id>
530 ~ PRIORITY=<NORMAL/HIGH/LOW>
532 ~ PARTIALALLOW=<YES/NO>
532 ~ [B Component1Data CONTENT  
DEPENDENT ON SERVICE]
456 ~ [Order_end <order number>]
477 ~ Order_end <order number>

```

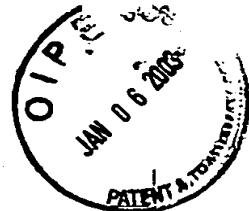
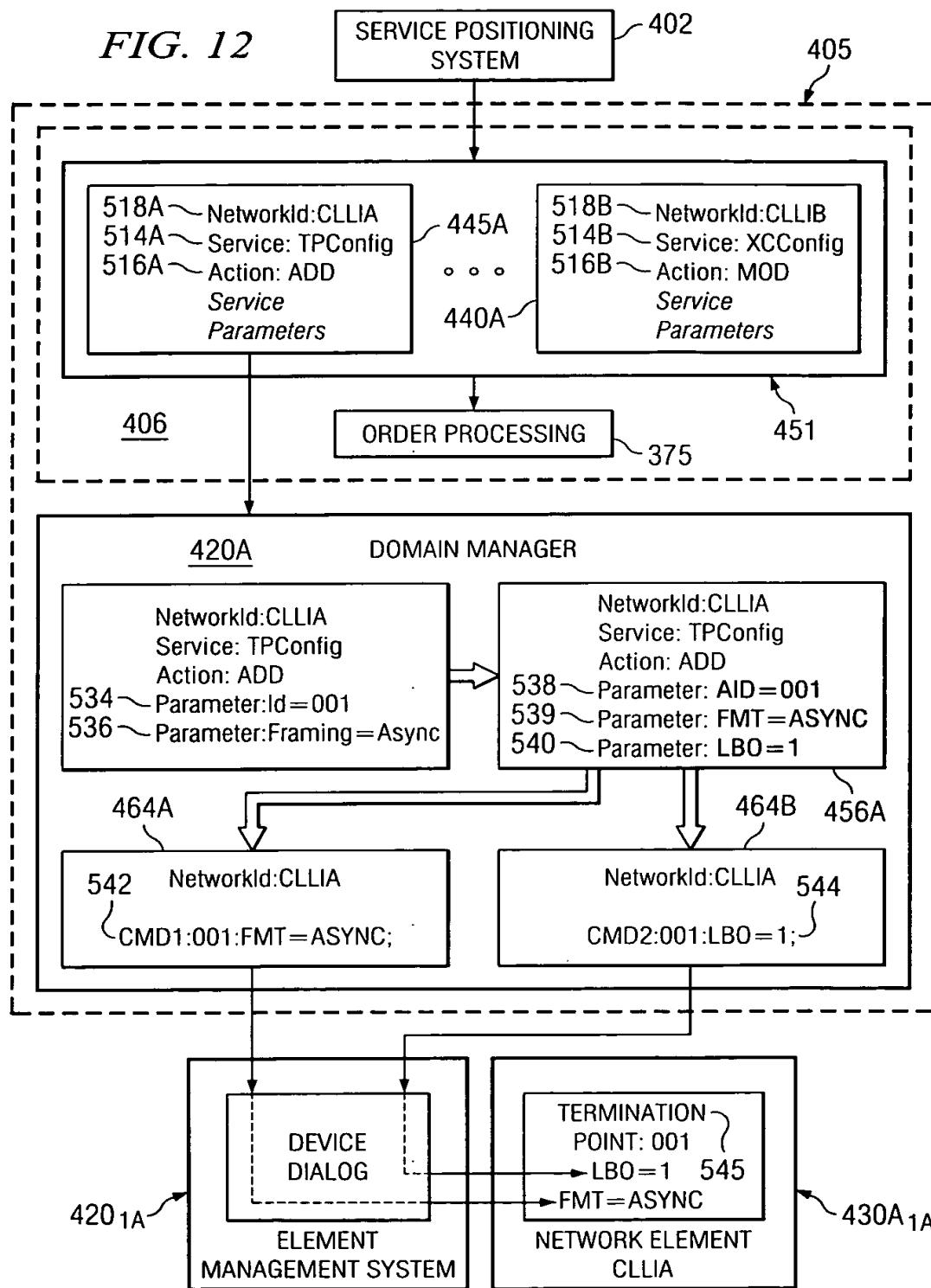


FIG. 12





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FIG. 13

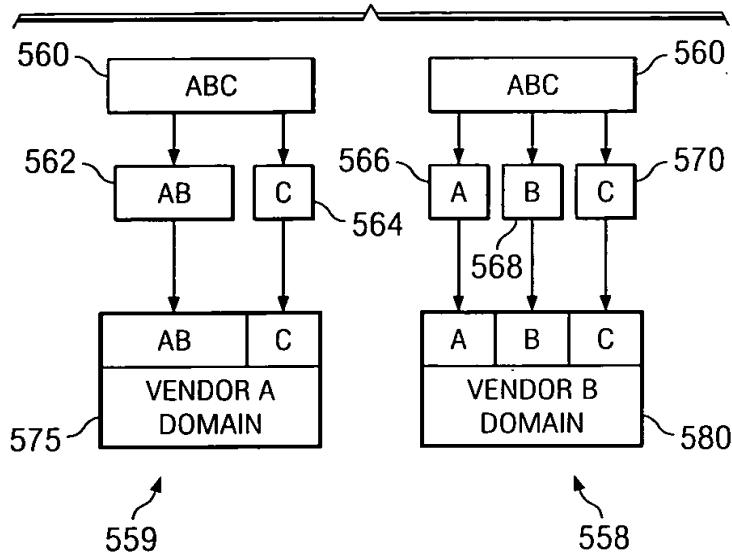
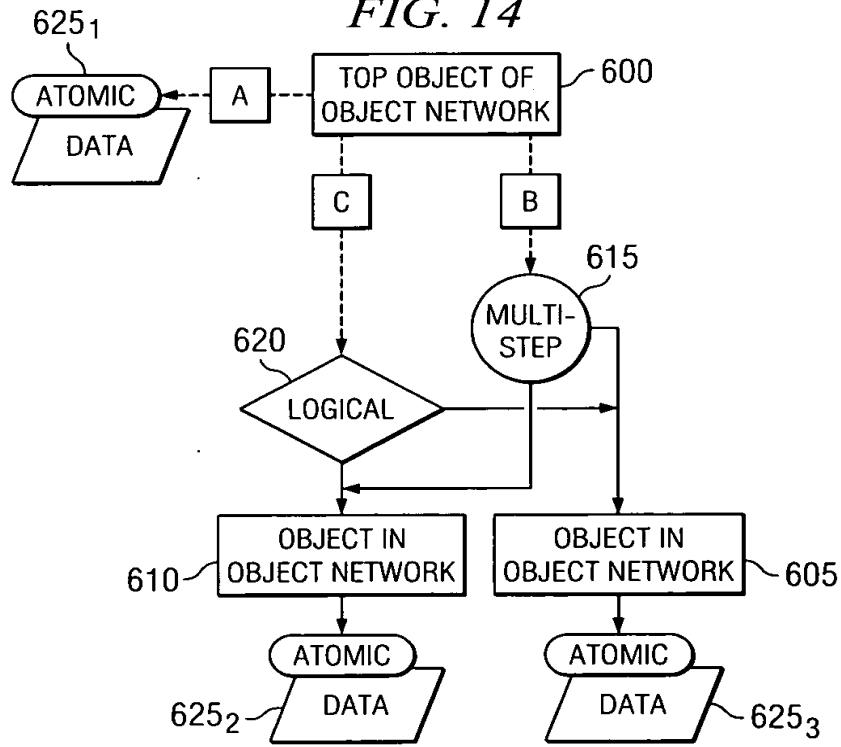


FIG. 14



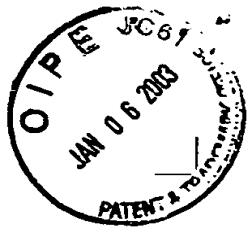


FIG. 15

